

# STN Columbus

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
 NEWS 2 "Ask CAS" for self-help around the clock  
 NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
 STN Express with Discover!  
 NEWS 4 OCT 28 KOREAPAT now available on STN  
 NEWS 5 NOV 30 PHAR reloaded with additional data  
 NEWS 6 DEC 01 LISA now available on STN  
 NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004  
 NEWS 8 DEC 15 MEDLINE update schedule for December 2004  
 NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness  
 alerts (SDIs) affected  
 NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness  
 alerts (SDIs) affected  
 NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
 alerts (SDIs) affected  
 NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
 alerts (SDIs) affected  
 NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
 NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN  
 NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED  
 NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and  
 February 2005  
 NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian  
 Agency for Patents and Trademarks (ROSPATENT)  
 NEWS 18 FEB 10 STN Patent Forums to be held in March 2005  
 NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS  
 National Meeting on March 13, 2005  
  
 NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
 AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005  
  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
 specific topic.

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FILE 'HOME' ENTERED AT 06:38:23 ON 22 FEB 2005

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 06:38:52 ON 22 FEB 2005

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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 FEB 2005 HIGHEST RN 834857-08-8  
DICTIONARY FILE UPDATES: 20 FEB 2005 HIGHEST RN 834857-08-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

L1 SCREEN CREATED

=>

L2 STRUCTURE UPLOADED

=>

L3 QUE L2 AND L1

=> s l3 sam sss

SAMPLE SEARCH INITIATED 06:40:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 67 TO ITERATE

100.0% PROCESSED 67 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 849 TO 1831

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.72

1.93

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:41:07 ON 22 FEB 2005

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'REGISTRY' AT 06:43:16 ON 22 FEB 2005

FILE 'REGISTRY' ENTERED AT 06:43:16 ON 22 FEB 2005

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.72

1.93

# STN Columbus

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.58

2.79

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:44:33 ON 22 FEB 2005

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'REGISTRY' AT 06:46:16 ON 22 FEB 2005

FILE 'REGISTRY' ENTERED AT 06:46:16 ON 22 FEB 2005

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.58

2.79

=>

L5 STRUCTURE UPLOADED

=> s 15 sam sss

SAMPLE SEARCH INITIATED 06:47:31 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 93 TO ITERATE

100.0% PROCESSED 93 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1282 TO 2438

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 sss full

FULL SEARCH INITIATED 06:48:13 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1967 TO ITERATE

100.0% PROCESSED 1967 ITERATIONS

5 ANSWERS

SEARCH TIME: 00.00.01

L7 5 SEA SSS FUL L5 — Save J

=> d bib ab hitstr 1-5

'BIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

'AB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN

SAM - Index Name, MF, and structure - no RN

FIDE - All substance data, except sequence data

IDE - FIDE, but only 50 names

SQIDE - IDE, plus sequence data

SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used

SQD - Protein sequence data, includes RN

SQD3 - Same as SQD, but 3-letter amino acid codes are used

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SQN - Protein sequence name information, includes RN  
CALC - Table of calculated properties  
EPROP - Table of experimental properties  
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data  
CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data  
IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
ENTER DISPLAY FORMAT (IDE):end

=> fil ca

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	165.20	165.41

FILE 'CA' ENTERED AT 06:48:42 ON 22 FEB 2005  
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FILE COVERS 1907 - 17 Feb 2005 VOL 142 ISS 9  
FILE LAST UPDATED: 17 Feb 2005 (20050217/ED)

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s 17

L8 2 L7

=> d bib ab hitstr 1-2

L8 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 141:173964 CA

TI Preparation of organophotoreceptors with charge transport materials having  
two linked hydrazone groups

IN Tokarski, Zbigniew; Jubran, Nusrallah; Getautis, Vytautas; Daskeviciene,  
Maryte; Gaidelis, Valentas; Jankauskas, Vygintas

PA Samsung Electronics Co., Ltd., S. Korea

SO Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----		-----	-----	-----
PI	EP 1443039	A1	20040804	EP 2004-250289	20040121
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2004152002	A1	20040805	US 2003-749174	20031230
	JP 2004234005	A2	20040819	JP 2004-20899	20040129
PRAI	US 2003-443919P	P	20030131		
	US 2003-749174	A	20031230		

OS MARPAT 141:173964

AB The present invention provides an organophotoreceptor comprising an elec.  
conductive substrate and a photoconductive element on the elec. conductive  
substrate. The photoconductive element comprises linked hydrazones I  
[R1-R5 = independently alkyl, alkaryl, aryl, heterocyclyl; R6, R7 =  
independently H, alkyl, alkaryl, aryl, heterocyclyl; Y = branched or  
linear linking alkylene group (CH2)<sub>m</sub> where 1 or more of the methylene  
groups are optionally replaced; m = 1-20; X = aryl, heteroaryl; Z =  
arylamine group, such as carbazole, julolidine, or (N,N-  
disubstituted)arylamine group] and a charge generating compd. Thus,  
condensation of Ph2NNH2.HCl with 4-(diethylamino)-2-hydroxybenzaldehyde  
gave the corresponding hydrazone, which reacted with epoxypropyl hydrazone  
II (prepn. given) to yield linked hydrazone III. Charge mobility  
measurements and ionization potentials of the prepd. linked hydrazones are  
given. Corresponding electrophotog. apparatuses and imaging methods are  
also described.

IT 688008-07-3P 688008-08-4P 688008-09-5P

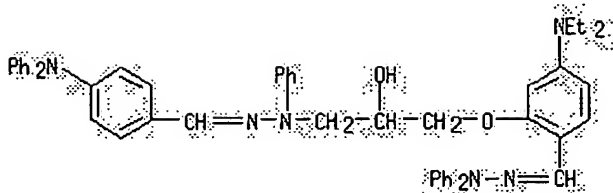
688008-10-8P 688008-11-9P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of organophotoreceptors with charge transport materials having  
two linked hydrazone groups)

RN 688008-07-3 CA

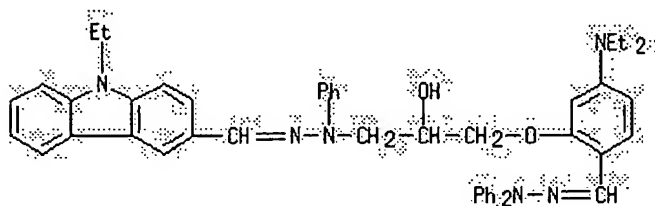
CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(diphenylamino)phenyl]methylene]p  
henylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX  
NAME)

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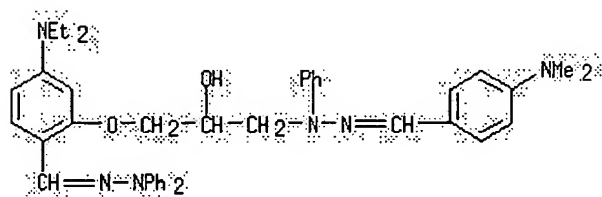
RN 688008-08-4 CA

CN 9H-Carbazole-3-carboxaldehyde, 9-ethyl-, [3-[5-(diethylamino)-2-[(diphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone (9CI)  
(CA INDEX NAME)



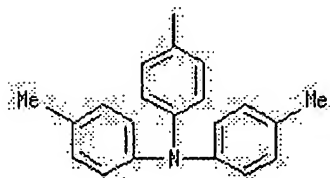
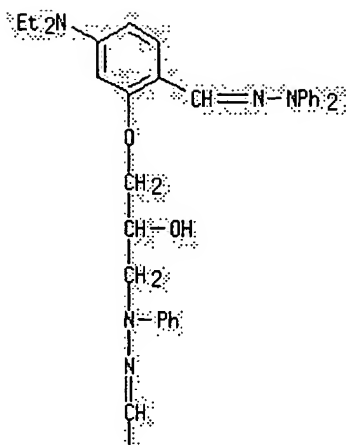
RN 688008-09-5 CA

CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(dimethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)

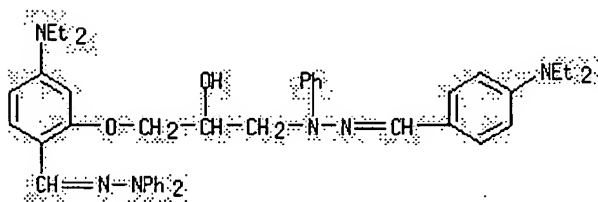


RN 688008-10-8 CA

CN Benzaldehyde, 2-[3-[[[4-[bis(4-methylphenyl)amino]phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-4-(diethylamino)-, diphenylhydrazone (9CI)  
(CA INDEX NAME)



RN 688008-11-9 CA  
 CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(diethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 140:397343 CA

TI Organophotoreceptor with charge transport compound with hydrazone groups  
 IN Tokarski, Zbigniew; Montrimas, Edmundas; Paulauskaite, Ingrida; Law, Kam W.; Jubran, Nusrallah; Gaidelis, Valentas; Jankauskas, Vygtintas; Getautis, Vytautas

PA Samsung Electronics Co., Ltd., S. Korea

SO Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

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DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1418469	A2	20040512	EP 2003-256699	20031023
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2004106054	A1	20040603	US 2003-644547	20030820
	JP 2004151725	A2	20040527	JP 2003-367665	20031028
PRAI	US 2002-421182P	P	20021028		
OS	MARPAT 140:397343				

AB This invention relates to a novel organo-photoreceptor that comprises at least one photoconductive element comprising (a) a novel charge transport compd. having the formula I (R1 = carbazole group, julolidine group, p-(N,N-disubstituted) arylamine; R2-6 = alkyl group, aryl group; R7,8 = H,alkyl group, aryl group; X = oxygen, sulfur, NR' group; R' = H, alkyl, aryl group; Y = trivalent aryl group); (b) a charge generating compd.; and wherein the at least one photoconductive element is carried on an elec. conductive substrate.

IT 688008-07-3P 688008-08-4P 688008-09-5P

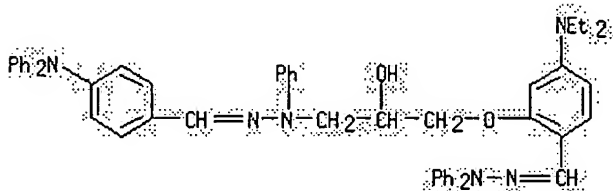
688008-10-8P 688008-11-9P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(electrophotog. organo-photoreceptor with charge transport compd. with hydrazone groups)

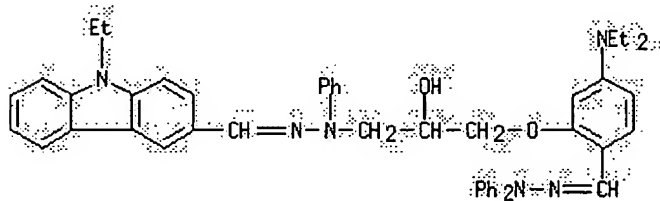
RN 688008-07-3 CA

CN Benzaldehyde, 4-(diethylamino)-2-[3-[[4-(diphenylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)



RN 688008-08-4 CA

CN 9H-Carbazole-3-carboxaldehyde, 9-ethyl-, [3-[5-(diethylamino)-2-[(diphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone (9CI) (CA INDEX NAME)

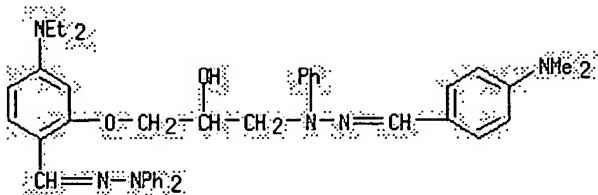


RN 688008-09-5 CA

CN Benzaldehyde, 4-(diethylamino)-2-[3-[[4-(dimethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)



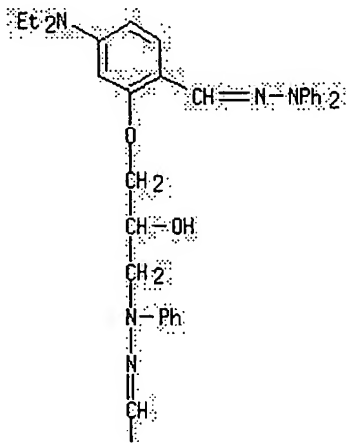
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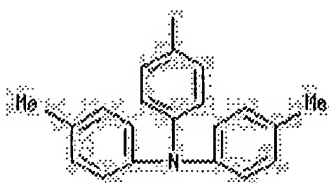
RN 688008-10-8 CA

CN Benzaldehyde, 2-[3-[[[4-bis(4-methylphenyl)amino]phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-4-(diethylamino)-, diphenylhydrazone (9CI)  
(CA INDEX NAME)

PAGE 1-A



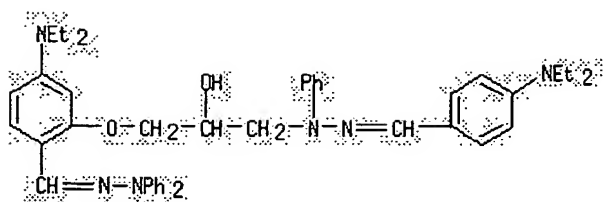
PAGE 2-A



RN 688008-11-9 CA

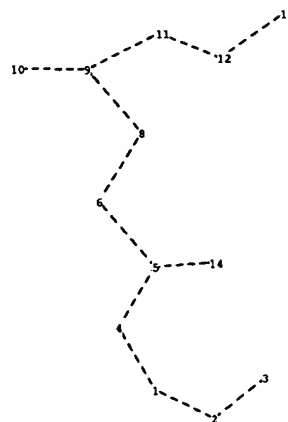
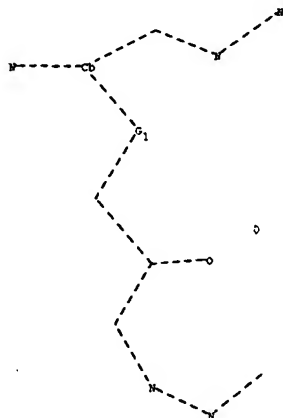
CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(diethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)

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=>

LS



chain nodes :

1 2 3 4 5 6 8 9 10 11 12 13 14

chain bonds :

1-2 1-4 2-3 4-5 5-14 5-6 6-8 8-9 9-11 9-10 11-12 12-13

exact/norm bonds :

1-2 1-4 2-3 4-5 5-14 5-6 6-8 8-9 9-11 9-10 11-12 12-13

G1:O,S,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 9:Atom 10:CLASS 11:CLASS  
12:CLASS 13:CLASS 14:CLASS